

OPINION 1864

***Chaetodacus latifrons* Hendel, 1915 (currently *Bactrocera latifrons*; Insecta, Diptera): given precedence over *Dacus parvulus* Hendel, 1912**

Keywords. Nomenclature; taxonomy; Diptera; fruit flies; *Bactrocera latifrons*; *Dacus parvulus*; south-east Asia; Hawaiian islands.

Ruling

- (1) Under the plenary powers the specific name *latifrons* Hendel, 1915, as published in the binomen *Chaetodacus latifrons*, is hereby given precedence over the specific name *parvulus* Hendel, 1912, as published in the binomen *Dacus parvulus*, whenever the two names are considered to be synonyms.
- (2) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *latifrons* Hendel, 1915, as published in the binomen *Chaetodacus latifrons* and as defined by the male lectotype from Tainan (Taiwan), now in the Natural History Museum, London, and denoted by a standard purple-edged lectotype label, designated by White & Liquido (1995), with the endorsement that it is to be given precedence over *parvulus* Hendel, 1912, as published in the binomen *Dacus parvulus*, whenever the two names are considered to be synonyms;
 - (b) *parvulus* Hendel, 1912, as published in the binomen *Dacus parvulus*, with the endorsement that it is not to be given priority over *latifrons* Hendel, 1915, as published in the binomen *Chaetodacus latifrons*, whenever the two names are considered to be synonyms.

History of Case 2967

An application for the conservation of the specific name of *Chaetodacus latifrons* Hendel, 1915 by giving it precedence over that of *Dacus parvulus* Hendel, 1912 was received from Dr I.M. White (*International Institute of Entomology, clo The Natural History Museum, London, U.K.*) and Dr N.J. Liquido (*United States Department of Agriculture, Agricultural Research Service, Hilo, Hawaii, U.S.A.*) on 15 February 1995. After correspondence the case was published in BZN 52: 250–252 (September 1995). Notice of the case was sent to appropriate journals.

Decision of the Commission

On 16 September 1996 the members of the Commission were invited to vote on the proposals published in BZN 52: 252. At the close of the voting period on 16 December 1996 the votes were as follows:

Affirmative votes — 23: Bock, Brothers, Cocks, Cogger, Eschmeyer, Heppell, Kabata, Kerzhner, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Patterson, Savage, Schuster, Song, Štys

Negative votes — 1: Dupuis.

Bouchet abstained.

Ride was on leave of absence.

Abstaining, Bouchet commented: 'The case for maintaining the current usage of *Bactrocera latifrons* is well founded and I approve the intention of the application. However, I disapprove of the procedure of giving precedence to a junior name. Retention of the name *parvulus* serves no practical purpose and I would have preferred that it be suppressed. If in future 'better knowledge of the genetics of *Solanum* fruit flies' (para. 6 of the application) leads to the recognition of additional species beside *latifrons*, a new nominal species erected in the context of that knowledge might be preferable'. Voting against, Dupuis commented that in his view the case related to a taxonomic, rather than a nomenclatural, problem.

Original references

The following are the original references to the names placed on an Official List by the ruling given in the present Opinion:

latifrons, *Chaetodacus*, Hendel, 1915, *Annales Historico-Naturales Musei Nationalis Hungarici*, 13: 425.
parvulus, *Dacus*, Hendel, 1912, *Supplementa Entomologica*, 1: 21.

The following is the reference for the designation of the lectotype of *Chaetodacus latifrons* Hendel, 1915:

White, I.M. & Liquido, N.J. 1995. BZN 52: 251.